

IN THE CLAIMS

Please cancel claims 1-3, 8 and 19-20 without prejudice or disclaimer as to their subject matter, newly add claims 21-27 and amend claims 4, 6, 9, 10, 13 and 18 as follows:

1 Claims 1-3 (Canceled)

1 4. (Currently Amended) A plasma display device, comprising:

2 a plasma display panel;

3 a chassis base;

4 a plurality of circuit elements arranged on the chassis base; and

5 a plurality of regulating members arranged on a surface of the chassis base near

6 corresponding ones of said plurality of circuit elements, said regulating members each

7 forming a partial barrier dividing a space within said plasma display device, wherein

8 adjacent regulating members are separated from each other by a gap of a predetermined size,

9 each of the plurality of regulating members corresponding to and being arranged above

10 respective ones of a plurality of circuit elements ~~The plasma display device of claim 3, each~~

11 of the plurality of regulating members comprises:

12 a main body comprising a plurality of curves that are integrally combined, said main

13 body extending from a surface of said chassis base to divide said space within said plasma

14 display device; and

15 tabs integrally formed to the main body, said tabs being formed parallel to said surface
16 of said chassis base and being fixed to the chassis base, said main body forming an angle
17 with said tabs.

18 5. (Original) The plasma display device of claim 4, each of the plurality of regulating
19 members being screw-coupled to the chassis base using holes formed in the tabs.

1 6. (Currently Amended) A plasma display device, comprising:
2 a plasma display panel;
3 a chassis base;
4 a plurality of circuit elements arranged on the chassis base; and
5 a plurality of regulating members arranged on a surface of the chassis base near
6 corresponding ones of said plurality of circuit elements, said regulating members each
7 forming a partial barrier dividing a space within said plasma display device, wherein
8 adjacent regulating members are separated from each other by a gap of a predetermined size,
9 each of the plurality of regulating members corresponding to and being arranged above
10 respective ones of a plurality of circuit elements ~~The plasma display device of claim 3, when~~
11 ~~of each of the plurality of regulating members is mounted to the chassis base, each of the~~
12 plurality of regulating members ~~comprising~~ comprises:

13 one or more convex section that curve in a direction toward the corresponding circuit
14 element; and

15 two or more concave sections that curve in a direction away from the corresponding
16 circuit element.

1 7. (Original) The plasma display device of claim 6, the convex section of the main
2 body of each of the plurality of regulating members being at a center of each corresponding
3 main body, and the concave sections being disposed on opposite sides of the convex section,
4 the convex section bulging towards a corresponding circuit element.

1 Claim 8 (Canceled)

1 9. (Currently Amended) A plasma display device, comprising:
2 a plasma display panel;
3 a chassis base;
4 a plurality of circuit elements arranged on the chassis base; and
5 a regulating member arranged on a surface of the chassis base near one of said
6 plurality of circuit elements, said regulating member forming a partial barrier dividing a
7 space within said plasma display device ~~The plasma display device of claim 1, the regulating~~
8 member being made of corrugated cardboard.

1 10. (Currently Amended) A plasma display device, comprising:
2 a plasma display panel;

3 a chassis base;

4 a plurality of circuit elements arranged on the chassis base; and

5 a regulating member arranged on a surface of the chassis base near one of said
6 plurality of circuit elements, said regulating member forming a partial barrier dividing a
7 space within said plasma display device ~~The plasma display device of claim 1, wherein the~~
8 regulating member comprises:

9 a straight main body that extends in a lateral direction along a direction of a width of
10 the chassis base corresponding to a width of the display; and

11 connecting members formed at an angle with the main body, the connecting members
12 being formed in parallel and in contact with the chassis base, the main body comprises
13 aperture and non aperture portions disposed alternately along said main body, wherein each
14 non-aperture portion being disposed near a corresponding circuit element and each aperture
15 portion being disposed near a space between two adjacent circuit elements.

1 11. (Original) The plasma display device of claim 10, wherein the main body is
2 screw-coupled to the chassis base through holes formed in the connecting members.

1 12. (Original) The plasma display device of claim 10, wherein apertures formed in the
2 aperture portions occupy 80% or more of a total area of the aperture portions.

1 13. (Currently Amended) A plasma display device, comprising:

2 a plasma display panel;
3 a chassis base;
4 a plurality of circuit elements arranged on the chassis base; and
5 a regulating member arranged on a surface of the chassis base near corresponding
6 ones of said plurality of circuit elements, said regulating member forming a partial barrier
7 dividing a space within said plasma display device ~~The plasma display device of claim 1,~~
8 wherein the regulating member comprises:

9 a straight, non-curved main body that extends along a direction of a width of the
10 chassis base corresponding to a width of the display; and

11 connecting members formed integrally with and at an angle with the main body,
12 wherein the main body comprises first aperture portions formed with second aperture
13 portions in an alternating manner, wherein the first aperture portions are disposed near
14 corresponding ones of said plurality of circuit elements and said second aperture portions
15 being disposed at locations corresponding to locations between a pair of adjacent circuit
16 elements.

1 14. (Original) The plasma display device of claim 13, wherein apertures formed in the
2 first aperture portions occupy less than 20% of a total area of the first aperture portions.

1 15. (Original) The plasma display device of claim 13, wherein apertures formed in the
2 second aperture portions occupy 80% or more of a total area of the second aperture portions.

1 16. (Original) The plasma display device of claim 10, said plasma display device
2 comprising at least two regulating members, said regulating members being essentially
3 parallel to each other and being staggered so that the aperture portions of one regulating
4 member faces non-aperture portions of another adjacent regulating member and the aperture
5 portions of said one regulating member faces non-aperture portions of said another adjacent
6 regulating member.

1 17. (Original) The plasma display device of claim 13, said plasma display device
2 comprising at least two regulating members, said regulating members being essentially
3 parallel to each other and being staggered so that the first aperture portions of one regulating
4 member faces second aperture portions of another adjacent regulating member and second
5 aperture portions of said one regulating member faces first aperture portions of said another
6 adjacent regulating member.

1 18. (Currently Amended) A plasma display device, comprising:
2 a plasma display panel;
3 a chassis base ~~formed~~ arranged in a quadrilateral shape, the plasma display panel
4 being supported by the chassis base on one side of the display panel;
5 a plurality of circuit elements ~~disposed~~ arranged on a side of the chassis base opposite
6 from the side of the chassis base that the plasma display panel is mounted, the circuit

7 elements ~~applying being arranged to apply~~ electrical signals necessary for driving the plasma
8 display panel; and

9 a regulating member ~~mounted to~~ arranged at an upper portion of the chassis base and
10 near one of the plurality of circuit elements, the regulating member dividing a space within
11 the plasma display device and being ~~disposed~~ arranged in such a manner as to cause hot air
12 rising from said plurality of circuit elements to move in a lateral direction perpendicular to
13 a direction of rising hot air to a location within the plasma display device that is absent of
14 the circuit elements prior to when said hot air emerges from said plasma display device,
15 wherein the regulating member being a passive member and being curved, said regulating
16 member being positioned within said plasma display device causing said rising hot air to
17 divide in opposite lateral directions.

1 Claims 19-20 (Canceled)

1 21. (New) A plasma display device, comprising:
2 a plasma display panel;
3 a chassis base;
4 a plurality of circuit elements arranged on the chassis base; and
5 at least one regulating member arranged on a surface of the chassis base near a
6 corresponding one of said plurality of circuit elements, said at least one regulating member
7 forming a partial barrier dividing a space within said plasma display device, the at least one

8 regulating member being arranged on an upper area of the chassis base between a top of the
9 display panel and the one of said plurality of circuit elements, the at least one regulating
10 member comprises a curved section.

1 22. (New) The plasma display device of claim 21, the curved section being convex
2 and bulging towards said corresponding one of said plurality of circuit elements.

1 23. (New) The plasma display device of claim 22, the at least one regulating member
2 further comprising at least one concave curved section arranged at one side of the convex
3 curved section.

1 24. (New) The plasma display device of claim 21, the at least one regulating member
2 comprising a plurality of regulating members, wherein adjacent regulating members being
3 separated from each other by a gap.

1 25. (New) The plasma display device of claim 24, each regulating member having
2 concave curved sections on each side of the convex curved section.

1 26. (New) The plasma display device of claim 25, each regulating member having
2 straight sections on each side of the concave curved section.

1 27. (New) The plasma display device of claim 24, each gap between adjoining
2 regulating members corresponding to a gap between adjoining circuit elements.